

Product datasheet for **RG234016**

TEX28 (NM_001205201) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TEX28
Synonyms:	CXorf2; fTEX; MRX99; TEX28P1; TEX28P2
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG234016 representing NM_001205201
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTTTTAAAGGCGGAACACACCAGGAGCCCCAGCGCAACCCTCCCCTCCAATGTGCCTTCATGCCGGT
CCCTGTTCATCCAGCGAAGACGGCCCCAGTGGCCCTTCAGCCTCGCAGATGGAGGCCTAGCCCAACTT
ACAGGATAGTGTACGACCGCATCTCTACCTCTCAGAGCAGTGGAGTGGAGAAGGCCAGTCGGGAT
GGCAACACTGTGAGCTACCTCAAGCTGGTATCCAAAGCAGACCGGCACCGGTGCCGACATCCAGCAGG
CCTTTGAGAAGGTGAACAGCGCGCCTCTGCCACCATCGCCAGATCGAGCACAGGCTCCACCAGTGTCA
CCAGCAGCTCCAGGAGCTGGAGGAAGGCTGCAGGCCCGAGGGCTTACTGCTGATGGCAGAAAGCGACCCA
GCCAACTGCGAGCCACCCAGTGAGAAGGCCCTGCTTTCAGAGCCCCCGAGCCAGGTGGGGAAGACGGGC
CGGTCAACCTGCCTCATGCCAGCAGGCCCTTCATCTTGGAGAGTCGCTTCAGAGCTTACAGCAGGGGAC
GTGCTTAGAGACAGAGGATGTGGCCAGCAACAAACCTGCTGTTGCAGAAGGTAAAGGCAGAGCTGGAA
GAAGCCAAGAGGTTCCACATCAGCCTCCAGGAGTCCTATCAGAGCTAAAGGAGAGGTCTCTGACTGACC
TGCAGCTGTTGCTGGAGTCCCTTCAGGAGGAGAAGTGTAGGCAAGCATTGATGGAAGAACAGGTGAATGG
TCGCCTGCAGGGACAGCTGAATGAGATTTACAACCTCAAACACAATCTGGCCTGCAGCGAAGAGAGAATG
GCCTATCTATCCTATGAGAGAGCCAAAGAAATATGGGAGATCACGGAGACCTTCAAGAGCCGAATATCCA
AGCTGGAGATGCTACAGCAAGTCACCAACTGGAGGCAGCGAGCACCTCCAAGCCGTCCCCCGCAGAT
GTTGTTCAAGTTCCTGAGTCCGCGCCTCTCACTGGCAACCGTCCTCTTGGTCTTTGTCTCCACCTTGTGT
GCCTGCCCTCGTCACTGATCAGCTCAGCCTGTGCACCTGCACCATGCTGATGCTGATCGGGCTTGGGG
TCCTGGCCTGGCAGAGGTGGCGGCCATCCCTGCCACAGACTGGCAGGAATGGGTCCCCTCCAGGTGTAG
ACTGTACTCCAAGGACTCTGGGCCTCCAGCAGATGGACCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >RG234016 representing NM_001205201
Red=Cloning site Green=Tags(s)

MVLKAEHTRSPSATLPSNVPCRSLSSESDDGSPGSSSLADGGLAHNLQDSVHRIRILYLSEQLRVEKASRD
GNTVSYLKLVSADRHQVPHIQQAFQVQNRASATIAQIEHRLHQCHQQLQELEGCRPEGLLLMAESDP
ANCEPPSEKALLSEPPEPGGEDGPVNLPHASRPFI LSRFQSLQQGTCLATEDVAQQNLLLQKVKAELE
EAKRFHISLQESYHSLKERSLTDLQLLLESLQEEKCRQALMEEQVNGRLQGQLNEIYNLKHNLACSEERM
AYLSYERAKEIWEITETFKSRISKLEMLQQVTQLEAAEHLQSRPPQMLFKFLSPRLSLATVLLVFVSTLC
ACPSSLISSRLCTCTMLMLIGLVLAQWRRAIPATDWQEWVPSRCRLYSKDSGPPADGP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001205201

ORF Size: 1230 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001205201.1](#), [NP_001192130.1](#)

RefSeq Size: 1564 bp

RefSeq ORF: 1233 bp

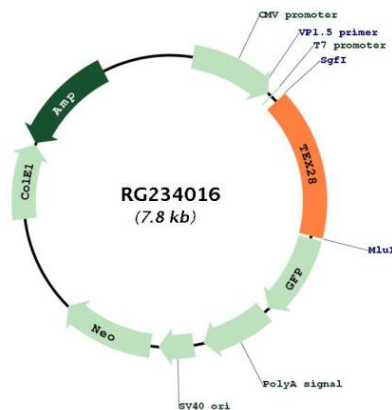
Locus ID: 1527

UniProt ID: [O15482](#)

Cytogenetics: Xq28

Protein Families: Transmembrane

Product images:



Circular map for RG234016